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AMENDMENTS TO THE CLAIMS:

Claim 1. (Currently amended) A software portable telephone set comprising:
a detachable transmitting function part; and
transmitting and receiving circuits capable of being reconfigured afresh with software
program updating,
wherein the transmitting circuit transmission system is reconfigured afresh in relation
to the mounting and demounting of said a transmitting function part, and
wherein said detachable transmitting function part conditions a transmission
frequency signal received from said transmitting circuit.

Claim 2. (Currently amended) The software portable telephone set according to claim 1,
wherein said the transmitting function part comprises ~~is provided by~~ a detachable module for
transmitting a modulated ~~modulator~~ output analog signal.

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Claim 3. (Currently amended) The software portable telephone set according to claim 1,
wherein the transmitting and receiving circuits comprise ~~have~~ a software memory part for
executing signal conversion processing, programs transferred from a program memory being
set in the software memory part.

Claim 4. (Currently amended) The software portable telephone set according to claim 1,
wherein the transmitting and receiving circuits comprise one of ~~include~~ a demodulator, a
modulator and a wide-band synthesizer which are controlled by a program stored in a ~~the~~
software memory part.

Claim 5. (Currently amended) The software portable telephone set according to claim 2, wherein the detachable module comprises one of ~~includes~~ a power amplifier, a transmission signal filter and an isolator.

Claim 6. (Currently amended) The software portable telephone set according to claim 1, wherein the transmitting and receiving circuits comprise ~~have~~ a software memory part for executing signal conversion processing, programs transferred from a program memory being set in the software memory part and a plurality of programs for commanding signal conversion processing being ~~are~~ stored in the program memory.

Claim 7. (Currently amended) The software portable telephone set according to claim 1, wherein the transmitting and receiving circuits comprise ~~have~~ a software memory part for executing a signal conversion processing, programs transferred from a program memory being set in the software memory part and the software memory provides commands according to a program transferred from the program ~~software source~~ memory according to a system switching command.

Claim 8. (Currently amended) A portable telephone set comprising:

a body;

a transmitting circuit within said body; and

a transmission function unit ~~and/or a receipt function unit, wherein the transmission function unit~~ for performing a specified transmission process and being is detachably mounted to said a body of the portable telephone set,

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wherein an ~~and the~~ operation of the transmission function unit and/or receipt function
is determined on the basis of a predetermined software program which is selected, and
wherein said transmission function unit conditions a transmission frequency signal
received from said transmitting circuit.

Claim 9. (Currently amended) The portable telephone set according to claim 8, wherein
the predetermined software program is selected from a plurality of software programs
softwares stored in a memory in the portable telephone set.

Claim 10. (Currently amended) The portable telephone set according to claim 8, further
comprising a receive function unit comprising a received signal mixing portion, a
demodulating portion and a base band signal processing portion, wherein an the operation of
said a received signal mixing portion, said a demodulating portion and said a base band signal
processing portion in the receive receipt function unit is determined on the basis of the
predetermined software program.

Claim 11. (Currently amended) The portable telephone set according to claim 8, wherein
said transmission function unit comprises one of a plurality of transmission function units
each performing a different frequency band operation is detachably mounted to the body.

Claim 12. (Currently amended) The portable telephone set according to claim 9, further
comprising a receive processing unit, wherein the plurality of software programs softwares
are stored in a software source memory, one of the plurality of software programs softwares is

selected and down-loaded and ~~an~~ the operation of the receive receipt processing unit is defined by the down-loaded software program.

Claim 13. (Currently amended) The portable telephone set according to claim 8, wherein the transmission function unit comprises one of ~~includes~~ an amplifier, a transmission signal filter and an isolator.

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cont? Claim 14. (Currently amended) The portable telephone set according to claim 8, wherein the transmission function unit comprises ~~includes~~ a software memory for storing one of a plurality of software programs ~~softwares~~ each adapted to each transmission function unit, the predetermined software program being defined ~~is defined~~ by loading the software program from the software memory in the mounted transmission function unit.

Claim 15. (Currently amended) The portable telephone set according to claim 8, further comprising a receipt function unit, wherein a currently operating ~~operation~~ system is detected on the basis of a demodulated output of a ~~the~~ received signal in the receipt function unit and the detected system is displayed.

Claim 16. (New) The software portable telephone set of claim 1, wherein said detachable transmitting function part conditions the transmission frequency signal received from said transmitting circuit based upon a transmission system that corresponds to said detachable transmitting function part.

Claim 17. (New) The software portable telephone set of claim 1, wherein said transmitting circuit comprises a wide-band transmitting circuit.

Claim 18. (New) The portable telephone set of claim 8, wherein said detachable transmitting function part conditions the transmission frequency signal received from said transmitting circuit based upon a transmission system that corresponds to said detachable transmitting function part.

Claim 19. (New) The portable telephone set of claim 8, wherein said transmitting circuit comprises a wide-band transmitting circuit.

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Claim 20. (New) A portable telephone set, comprising:
a detachable transmission module; and
a transmitting circuit adapted to transmit in a transmission frequency signal in accordance with instructions in a predetermined software program,
wherein said detachable transmitting module conditions said transmission frequency signal received from said transmitting circuit.
